

BIBLIOGRAPHY

C. FITZHUGH TALMAN, in Charge of Library

RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Abbot, C. G.

Distribution of energy over the sun's disk. Washington. 1926. 12 p. fig. plate. 24½ cm. (Smith. misc. coll. vol. 78, no. 5.)

American temperature indicating co.

American system of temperature indication: caliscope. Toledo. n. d. unp. illus. 28 cm.

Austria. Zentralanstalt für Meteorologie und Geodynamik.

Festschrift . . . zur Feier ihres 75jährigen Bestandes im Jahre 1926. Wien. 1926. v. 195 p. figs. plates. 23½ cm. (Herausgegeben von der Akad. der Wissenschaften in Wien unter Mitwirkung der Zentralanst. für Met. und Geodyn.)

Barcroft, Joseph.

Respiratory function of the blood. pt. 1. Lessons from high altitudes. [2d ed.] Cambridge. 1925. viii, 207 p. illus. diagr. tables. 25½ cm.

Biologische Reichsanstalt für Land- und Forstwirtschaft.

Jahresheft 1922–23 des phänologischen Reichsdienstes. Berlin. 1924–1926. 222, 224 p. figs. 27½ cm. (Heft 25, Dez. 1924; Heft 27, Apr. 1926.)

Black, W. R.

Meteorology and agriculture. 11 p. map. 25 cm. (Repr.: Journ. Min. agric. vol. 33, no. 4, July, 1926.)

[Bulgaria.] Ministerstvo na zemledelstvo idrzavnit imoti.

Valezhite v Bulgariia otdenie na vodit. Sofia. 1924. map. 57½ by 89½ cm.

Clayton, Henry Helm.

Solar activity and long-period weather changes. Washington. 1926. 62 p. figs. 24½ cm. (Smith. misc. coll. vol. 78, no. 4.)

Deutsche Atlantische Expedition auf dem Forschungs- und Vermessungsschiff "Meteor." Bericht II. p. 209–274. figs. plates. 25½ cm. (Sonderab.: Zeitschr. Gesellsch. für Erdkunde zu Berlin. Jahrg. 1926, Nr. 5/6.)
Dobson, G. M. B.

Uppermost regions of the earth's atmosphere, being the Halley lecture delivered on 5 May, 1926. Oxford. 1926. 22 p. plates. 23 cm.

Egersdörfer, Leonhard.

Zur Theorie des Korrelations-Koeffizienten. 26 p. figs. plate. 33 cm. Sonderab.: Deutschen met. Jahrb., Bayern 1925.)

Entwistle, F.

Meteorology in relation to the selection of aerodrome sites. [Bruxelles.] n. d. 11 p. figs. 50 cm. (III^e Congrès internat. de navig. aérienne. [Bruxelles.] no. 413.)

Eredia, Filippo.

Cenni sulle condizioni termiche delle diverse regioni italiane nei riguardi dell'irrigazione. Roma. 1926. 13 p. fig. 25½ cm. (Estr.: Serv. idrog. del min. dei lav. pub. "Le irrig. in Italia" Pub. n. 8 (vol. 1).)

Le precipitazioni acquee nella Somalia Italiana nel 1923 e nell'andamento medio annuale. Roma. 1926. 10 p. plates. 34 cm. (Estr.: Osserv. met. ed. idromet. 1923 Staz. ist. Somalia Ital. da S. A. R. il Duca degli Abruzzi.)

Fedorov, E. E.

Vlijanie solnechnykh na temperaturu i davlenie vozdukh. [Influence of sunspots on temperature and pressure of air.] 46 p. plate. 26½ cm.

Vlijanie vulkanicheskoi pili na prikhodo-raskhod luchistoi énergi i temperaturu vozdukh. [Influence of volcanic dust on receipt and expense of radiation and on temperature of air.] n. p. n. d. p. 17–38. plate. 28 cm.

France. Service des forces hydrauliques.

Etudes glaciologiques. Paris. 1925. Tome 5. vi, 224 p. figs. plates (part fold.). 28 cm. (Min. de l'agric. Dir. gén. des eaux et forêts. 2^e partie. Eaux et génie rural.)

Gorczyński, Ladislas.

Mesures de l'intensité totale et partielle du rayonnement solaire effectuées en 1924 en Afrique Française du Nord et spécialement à l'oasis saharienne de Touggourt. Tunis. 1925. 59 p. figs. 24½ cm. (Extr.: Annales du serv. bot. de Tunisie. Fasc. 1, 1925.)

Sur le degré du continentalisme de la Tunisie et des oasis sahariennes. Tunis. 1925. 8 p. plate. 24 cm. (Extr.: Annales de serv. bot. de Tunisie. Fasc. 1, 1925.)

Gutenberg, B.

Die seismische Bodenunruhe (Schwingungen des Erdbodens durch Industrie, Verkehr, meteorologische und andere Ursachen) und ihr Zusammenhang mit den Nachbargebieten insbesondere Geologie und Meteorologie. Berlin. 1924. x, 69 p. figs. 25½ cm. (Sammlung geophys. Schriften. Nr. 3.)

Hazard, Daniel L.

Earth's magnetism. Washington. 1925. 52 p. figs. plates. 23½ cm. (U. S. Coast & geod. surv. Spec. pub. no. 117.)

Hérique, M. A.

Influence des variations de la pression atmosphérique sur la marche des chronomètres de poche. [Besançon. 1925.] p. 47–59. fig. 28½ cm. [Univ. de Besançon. Observ. nat. astron., chronom. & met. xxvii–xxix bull. chronom. Années 1913–1924.]

Hobbs, William Herbert.

First Greenland expedition of the University [of Michigan.] p. 51–55. illus. 29 cm. (Mich. alumnus. vol. 33, no. 3, Oct. 23, 1926.)

Hoxmark, Guillermo.

El rendimiento del trigo del año agrícola 1925–26 en las provincias de Córdoba y Santa Fe y su relación con las condiciones climáticas. Buenos Aires. 1926. 35 p. figs. 22½ cm. (Rep. Argen. Min. agric. Sec. prop. e inform. no. 623. Junio 12, 1926.)

Humphreys, William Jackson.

Rain making and other weather vagaries. Baltimore. 1926. x, 157 p. 19½ cm.

Institut international d'agriculture. VIII^e assemblée générale. 1926.

Commission internationale permanente de météorologie agricole. Avant-projet concernant les méthodes de travail technique à recommander aux stations agronomiques en ce qui concerne les questions de météorologie agricole. Par Pierre Rev. n. p. n. d. 39 p. tables. 24 cm. (Annexe au rapport N. 10.)

Rapport de la Commission internationale permanente de météorologie agricole. n. p. n. d. 8 p. 24½ cm. (1^{re} épreuve, 19 avril 1926.)

Rapport sur la météorologie agricole présenté à la VIII^e assemblée générale au nom du comité permanent. Par Deoclecio de Campos. n. p. n. d. 10 p. 24 cm. (N. 10.)

International meteorological committee.

Rapport du bureau du comité. n. p. n. d. 4 p. 34 cm. [Manifolded.]

Italy. Min. dell'aeronautica. Ufficio presagi.

Le condizioni meteorologiche dell'Umbria nel mese di Settembre. Roma. 1926. 12 p. plates (fold.) 23½ cm. [Manifolded.]

Kelliher, S. G. G.

Federated Malay states. A report on the meteorological observations taken on "Cameron's Highlands," October, 1923–October, 1924. n. p. n. d. 15 p. 33 cm.

Kestner, Otto.

Die physiologischen Wirkungen des Klimas. p. 498–550. figs. 25 cm. (Sonderab.: Handb. der normalen und patholog. Physiol. Bd. 17, Correlationen III.)

Kestner, Otto, & Knipping, H. W.

Das Tropenklima. n. p. n. d. p. 550–558. 25 cm.

Lowdermilk, W. C.

Changing evaporation-precipitation cycle of North China 34 p. plates (part fold.) 21½ cm. (Engin. soc. China, sess. 1925–1926. Paper no. 5, vol. 25.)

Maltsev, V. A.

Serebristie oblaka v noch s 8 na 9 avgusta 1925 g. [Lenigrad. 1926.] p. 153–172. illus. plate. 23 cm. [Résumé in German.]

Millás, José Carlos.

Algunas observaciones de nubes importantes en el estudio de perturbaciones tropicales. [Habana. 1926.] 1 sheet. illus. 52½ cm. [Boletín hidrográfico. no. 16, Julio 25, 1926.]

Mohorovičić, Stjepan.

Istraživanje vjetra u Radziechowu u Galiciji. Zagreb. 1920, [1922.] v. p. figs. plates. 24½ cm. (Rad. Jugosl. akad. 219, 223, 226.)

Northern Rhodesia.

Meteorological report and statistical survey, 1906–1924. Compiled in the Survey department, Northern Rhodesia, by W. G. Fairweather. London. 1925. 15 p. tables. 34 cm.

Nunn, Roscoe.

Our climate. Useful information regarding the climate between the Rocky mountains and the Atlantic coast, with special reference to Maryland and Delaware . . . Issued by the Maryland state weather service . . . in cooperation with the United States Weather bureau . . . 3rd ed., enl., October, 1926. [Baltimore. 1926.] 51 p. illus. 23 cm.

Oddone, Emilio.

Il vento e le isobare vanno soggette al fenomeno della rifrazione? p. 123-140. figs. 24½ cm. (Riv. aeron. Roma. Anno 2, n. 9, Sett., 1926.)

Patterson, J.

Cup anemometer. Ottawa. 1926. 54 p. figs. 25 cm. (Trans. Roy soc. Canada, 3d ser., vol. 20, sec. 3, 1926.)

Preussische Landesanstalt für Wasser-, Boden- und Lufthygiene zu Berlin-Dahlem.

[Kleine] Mitteilungen für die Mitglieder des Vereins für Wasserversorgung und Abwasserbeseitigung E. V. Berlin-Dahlem. 1926. 166 p. illus. plates (fold.) 23½ cm. (Veröff. aus dem Gebiete der Medizinalverwalt. Bd. 21, H. 5.) (2. Jahrg. Nr. 4/7.)

Kleine Mitteilungen für die Mitglieder des Vereins für Wasserversorgung und Abwasserbeseitigung, E. V. Berlin-Dahlem. 1926. 2e Beiheft. 100 p. 23½ cm. 3e. Beiheft. 74 p. illus. plate (fold.) 23½ cm.

Rojas, Ricardo Alfonzo.

El invierno en Caracas. Algo sobre ley de periodicidad en los fenómenos meteorológicos. Caracas. [1926.] 24 p. plates (fold.) 24 cm.

Russelveldt, Nils.

Instrumente und Apparate für die luftelektrischen Untersuchungen an dem meteorologischen Observatorium in Ås. Oslo. 1926. 25 p. illus. 33 cm. (Beiheft zum Jahrbuch des Norweg. met. Inst. für 1925.)

[Russia.] Gidro-meteorologicheskij otel.

Svedeniya o sostoyanii lodov na moreakh SSSR. Vip I. Zima 1924-25 g. Leningrad. 1926. 36 p. figs. plates (fold.) 29½ cm. State of ice on the seas of the U. S. S. R. Fase. I. The winter 1924-25. [Author, title, and text in Russian.]

Rychliński, Jean Paul.

Sur la variabilité des précipitations sous l'influence des continents et des applications en Tunisie. Tunis. 1925. 9 p. 24½ cm. (Extr.: Annales du serv. botan. de Tunisie. Fasc. 1, 1925.)

Schmauss, A.

Scheitelwerte des Luftdruckes. 12 p. figs. 33½ cm. (Sonderab.: Deutschen met. Jahrb., Bayern 1925.)

Schmauss, A., & others.

Korrelationsstudien. nos. 1-3. v. p. figs. plate. 34 cm. (Sonderab.: Deutschen met. Jahrb., Bayern 1924-25.)

Schott, Gerhard.

Geographie des Atlantischen Oceans. 2., vollständig durchgearbeitete und erweiterte Aufl. Hamburg. 1926. xiv, 368 p. front. illus. maps (part fold.) 28½ cm.

Spencer, James Harvey.

Climate of Buffalo. p. 5-6. 31 cm. (Buffalo live wire. vol. 17, no. 9, Sept. 1926.)

Stainoff, Gencho.

Valebit v tsarstvo Bulgaria. Sofia. 1924. 79 p. illus. plates (fold.) 31 cm. [Rains in the kingdom of Bulgaria.] Statisticheski danni za goléminkata veda i intenzivnostta na valezhit za perioda ot 1899 do 1918 godina. [Author, title, and text in Russian.]

Terada, Torahiko.

On some remarkable relations between the yearly variations of terrestrial phenomena and solar activities. Tokyo. 1923. 20 p. figs. 26 cm. (Journ. coll. of sci., Imp. univ. of Tokyo. vol. 44, art. 6, Jan. 24, 1923.)

U. S. Naval aircraft factory.

Laboratory experiments on the precipitation of fog over landing fields. Philadelphia. 1925. 34 p. (incl. plates.) 30 cm. (Navy dept. Bur. aeron. Engin. dept. report no. 4S24-4. July 15, 1925.) [Manifolded.]

Visser, S. W.

Some researches into the propagation of seismic long waves. Weltevreden. 1925. 24 p. figs. 27 cm. (K. Mag. en met. observ. te Batavia. Verhand. no. 16.)

Williams, C. B.

Bioclimatic observations in the Egyptian desert in March, 1923. Cairo. 1924. 18 p. plates (fold.) 27 cm. (Min. of agric., Egypt. Tech. & sci. serv. Bull. no. 37.)

Third bioclimatic study in the Egyptian desert. Cairo. 1924. 32 p. plates (part fold.) 27½ cm. (Min. of agric., Egypt. Tech. & sci. serv. Bull. no. 50.)

RECENT PAPERS BEARING ON METEOROLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Aéronautique. Paris. 8 année. Octobre 1926.

Brion, M. L'anémographie. Les méthodes d'apprentissage et la sécurité. p. 338-339.

Aérophile. Paris. 34 année. Septembre 1926.

Mathias. Sur les phénomènes lumineux et sonores des éclairs fulgurants. p. 261-262.

American magazine. New York. v. 101. 1926.

Mackenzie, Stuart. Don't apologize for talking about the weather! p. 44-46; 198; 200; 202. (Feb.)

Mackenzie, Stuart. When winter comes. p. 38-40; 161-166. (March.)

Mackenzie, Stuart. How many tons of rain will fall on your town? p. 38-39 & ffg. (Apr.)

Mackenzie, Stuart. Wind! a star performer in the drama of American life. p. 40-41 & ffg. (May.)

Mackenzie, Stuart. Our tornadoes are the fiercest of all storms. p. 38-40; 80. (June.)

American meteorological society. Bulletin. Worcester, Mass. v. 7. June-July, 1926.

Brombacher, W. G. Compensation of altimeters and altographs for air temperature. p. 98. [Abstract.]

Brooks, Charles F. Gulf Stream variations and rainfall. p. 88-89. [Abstract.]

Casey, Harry J. Weather observation work of a public utility. p. 92-96. [Abstract.]

Fisher, J. C. On certain features of the spray and harvest weather services in New York state. p. 85-86. [Abstract.]

Fisher, J. C. The weather element in the control of apple scab. p. 86-87. [Abstract.]

Flora, S. D. Tornadoes of the middle west. p. 81-84.

Miller, Hazel V. Temperature variations in the Gulf Stream in the Straits of Florida, 1917-1921. p. 87-88. [Abstract.]

Nunn, Roscoe. Duration of precipitation at Baltimore. p. 96-97. [Abstract.]

Tingley, F. G. Recent surface water temperatures in Central American waters and their possible relation to the weather. p. 89-92. [Abstract.]

American society of civil engineers. Transactions. New York. v. 89. 1926.

Jarvis, C. S. Flood flow characteristics. p. 985-1104.

Winslow, C.-E. A. The atmosphere and its relations to human health and comfort. p. 316-337.

Annalen der Hydrographie und maritimen Meteorologie. Beilage. Berlin. Juni 1926.

Zum hundertsten Geburtstage des Gründers der Deutschen Seewarte Georg von Neumayer. 28 p.

Annalen der Hydrographie und maritimen Meteorologie. Köppen-Heft. Berlin. September, 1926.

Defant, A. Die Austauschgrösse der atmosphärischen und ozeanischen Zirkulation. p. 12-17.

Everdingen, E. van. Gibt es stationäre glaziale Antizyklonen? p. 18-19.

Exner, Felix M. Über den Einfluss von Luftdruckänderungen auf die vertikale Temperaturverteilung. p. 20-26.

Ficker, H. v. Temperatur und vertikale Temperaturabnahme auf Teneriffa. p. 27-32.

Gentzen, C. Ergebnisse der meteorologischen Beobachtungen von Hamburg im System der Deutschen Seewarte für die 50 Jahre 1876 bis 1925. p. 33.

Georgi, J. Einfluss einer Insel auf die Luftströmung. p. 34-37.

Grosse, W. Erhöhung der Jahresmitteltemperatur im Gebiet des Nordatlantischen Ozeans. p. 38-41.

Heidke, P. In sich homogene und relativ homogene meteorologische Beobachtungsreihen sowie Reduktion einer Reihe auf eine oder mehrere andere. p. 42-53.

Hellmann, G. Beitrag zur Frage nach der Eintrittszeit des täglichen Maximums der Lufttemperatur auf dem Meere. p. 54-56.

Keppler, W. Die Temperaturverhältnisse am Bodensee bei kalten, ablandigen Winden. p. 68-71.